

WHAT IS CLAIMED IS:

1        1.     A method implemented by a wireless device to provide information on a  
2 scheduled event in a personal information manager (PIM) application, wherein the  
3 wireless device performs:

4            receiving a code;

5            transmitting the received code to a server including a calendar database for the  
6 user of the transmitting wireless device including scheduled event records;

7            receiving from the server a scheduled event record including information on one  
8 scheduled event associated with the code; and

9            rendering calendar information at the wireless device including information on  
10 the scheduled event included in the scheduled event record.

1        2.     The method of claim 1, wherein the code is entered via a user input  
2 mechanism on the wireless device.

1        3.     The method of claim 1, wherein the code is transmitted to the wireless  
2 device via a wireless transmission medium.

1        4.     The method of claim 3, wherein the code is transmitted to the wireless  
2 device, transmitted from the wireless device to the server, and rendered at the wireless  
3 device automatically without any intervening user action.

1        5.     The method of claim 1, wherein the scheduled event record comprises a  
2 shadowed scheduled event record, wherein information on the shadowed scheduled event  
3 is displayed with the calendar information at the wireless device as a non-committed  
4 event.

1        6.     The method of claim 1, wherein the code is transmitted to the server in  
2 response to user input at the wireless device.

1        7.     The method of claim 1, wherein receiving the code further comprises  
2 receiving a plurality of codes, wherein transmitting the code to the server comprises  
3 transmitting the plurality of codes, wherein receiving the scheduled event record from the  
4 server further comprises receiving one scheduled event record for each transmitted code,  
5 and wherein rendering calendar information at the wireless device including information  
6 on the scheduled event comprises rendering information on scheduled events for the  
7 received scheduled event records.

1        8.     A method implemented by a server to provide scheduled events for users  
2 of wireless devices, wherein the wireless devices are capable of displaying calendar  
3 information on scheduled events, comprising:  
4            receiving a code transmitted from the wireless device;  
5            determining a scheduled event record corresponding to the received code; and  
6            transmitting the determined scheduled event record to the wireless device that  
7 transmitted the code, wherein the wireless device is capable of rendering calendar  
8 information including information on the scheduled event included in the transmitted  
9 scheduled event record.

1        9.     The method of claim 8, further comprising:  
2            providing a data structure including a plurality of codes and associating with each  
3 code one scheduled event record, wherein determining the scheduled event record  
4 corresponding to the received code comprises searching the data structure for one code  
5 matching the received code transmitted from the wireless device and the associated  
6 scheduled event record.

1        10.    The method of claim 8, wherein a plurality of codes are received from the  
2 wireless device and one determined scheduled event record for each code is transmitted  
3 to the wireless device transmitting the plurality of codes.

1        11.     The method of claim 8, wherein scheduled event records and codes are  
2 provided for different event promoters.

1        12.     The method of claim 11, further comprising:  
2            charging a fee to the event promoter to include one scheduled event record in the  
3 data structure in order to make scheduled event records for the promoter available to  
4 wireless devices in response to transmissions of the code associated with the scheduled  
5 event record.

1        13.     A method implemented by a wireless device to provide information on a  
2 scheduled event to a personal information manager (PIM) application, wherein the  
3 wireless device performs:

4            receiving a scheduled event record including information on a scheduled event  
5 transmitted from a transmitter system including at least one scheduled event record when  
6 the wireless device is within a broadcast range of the transmitter system;

7            rendering calendar information at the wireless device including information on  
8 the scheduled event included in the scheduled event record; and

9            transmitting the scheduled event record to a server including a calendar database  
10 for the user of the transmitting wireless device including scheduled event records,  
11 wherein the server stores the transmitted scheduled event record with the calendar  
12 database records for the user of the wireless device.

1        14.     The method of claim 13, further comprising:  
2            receiving user input to accept the scheduled event record, wherein information on  
3 the scheduled event in the scheduled event record is rendered with calendar information  
4 and wherein the scheduled event record is transmitted to the server to include in the  
5 calendar database for the user of the wireless device after receiving the user input to  
6 accept the scheduled event record.

1       15.     The method of claim 13, further comprising:  
2           receiving a list of scheduled events from the transmitter system;  
3           receiving user input selecting at least one of the scheduled events on the list; and  
4           transmitting information on the selected at least one scheduled event to the  
5 transmitter system, wherein receiving the scheduled event record further comprises  
6 receiving one scheduled event record for each selected scheduled event.

1       16.     The method of claim 15, wherein rendering the calendar information at the  
2 wireless device further comprises rendering information on the scheduled event included  
3 in each received scheduled event record, and wherein transmitting the scheduled event to  
4 the server further comprises transmitting each scheduled event to the server.

1       17.     A method implemented by a transmitter for transmitting information on  
2 scheduled events, comprising:  
3           providing information on at least one scheduled event record, wherein each  
4 scheduled event record includes information on a scheduled event; and  
5           transmitting the at least one scheduled event record to wireless devices within a  
6 broadcast range of the location transmitter, wherein the wireless device adds the  
7 scheduled event record to calendar information for the wireless device user.

1       18.     The method of claim 17, wherein each scheduled event record includes  
2 information on an event sponsored by an event promoter.

1       19.     The method of claim 18, wherein the event promoter pays a fee to have  
2 the transmitter system broadcast scheduled event records having information on events  
3 offered by the event promoter.

1        20.     The method of claim 17, further comprising:  
2              transmitting a list of scheduled events;  
3              receiving, from the wireless device, user input indicating selection of at least one  
4     of the scheduled events on the list; and  
5              transmitting the scheduled event record for each selected scheduled event to the  
6     wireless device from which the user input was received.

1        21.     A wireless device providing information on a scheduled event in a  
2 personal information manager (PIM) application, wherein the wireless device is in  
3 wireless communication with a server including a calendar database for the user of the  
4 transmitting wireless device including scheduled event records, wherein the wireless  
5 device comprises:  
6              means for receiving a code;  
7              means for transmitting the received code to the server;  
8              means for receiving from the server a scheduled event record including  
9 information on one scheduled event associated with the code; and  
10              means for rendering calendar information at the wireless device including  
11 information on the scheduled event included in the scheduled event record.

1        22.     The wireless device of claim 21, wherein the scheduled event record  
2 comprises a shadowed scheduled event record, wherein information on the shadowed  
3 scheduled event is displayed with the calendar information at the wireless device as a  
4 non-committed event.

1        23.     A server system providing scheduled events for users of wireless devices  
2 in communication with the server system, wherein the wireless devices are capable of  
3 displaying calendar information on scheduled events, wherein the server system  
4 comprises:  
5              means for receiving a code transmitted from the wireless device;

6       means for determining a scheduled event record corresponding to the received  
7 code; and

8       means for transmitting the determined scheduled event record to the wireless  
9 device that transmitted the code, wherein the wireless device is capable of rendering  
10 calendar information including information on the scheduled event included in the  
11 transmitted scheduled event record.

1       24.      The server system of claim 23, wherein a plurality of codes are received  
2 from the wireless device and one determined scheduled event record for each code is  
3 transmitted to the wireless device transmitting the plurality of codes.

1       25.      The server system of claim 23, wherein scheduled event records and codes  
2 are provided for different event promoters.

1       26.      The server system of claim 25, further comprising:  
2       means for charging a fee to the event promoter to include one scheduled event  
3 record in the data structure in order to make scheduled event records for the promoter  
4 available to wireless devices in response to transmissions of the code associated with the  
5 scheduled event record.

1       27.      A wireless device for providing information on a scheduled event in a  
2 personal information manager (PIM) application, wherein the wireless device is capable  
3 of communicating with a transmitter system and a server, wherein the server maintains a  
4 calendar database for the user of the transmitting wireless device including scheduled  
5 event records, and wherein the wireless device comprises:

6       means for receiving a scheduled event record including information on a  
7 scheduled event transmitted from the transmitter system including at least one scheduled  
8 event record when the wireless device is within a broadcast range of the transmitter  
9 system;

10       means for rendering calendar information at the wireless device including  
11   information on the scheduled event included in the scheduled event record; and  
12       means for transmitting the scheduled event record to the server, wherein the  
13   server stores the transmitted scheduled event record with the calendar database records  
14   for the user of the wireless device.

1       28.   The wireless device of claim 27, further comprising:  
2       means for receiving a list of scheduled events from the transmitter system;  
3       means for receiving user input selecting at least one of the scheduled events on  
4   the list; and  
5       means for transmitting information on the selected at least one scheduled event to  
6   the transmitter system, wherein receiving the scheduled event record further comprises  
7   receiving one scheduled event record for each selected scheduled event.

1       29.   A transmitter for transmitting information on scheduled events, wherein  
2   the transmitter is capable of communicating with wireless devices, comprising:  
3       means for providing information on at least one scheduled event record, wherein  
4   each scheduled event record includes information on a scheduled event; and  
5       means for transmitting the at least one scheduled event record to wireless devices  
6   within a broadcast range of the location transmitter, wherein the wireless device adds the  
7   scheduled event record to calendar information for the wireless device user.

1       30.   The transmitter of claim 29, wherein each scheduled event record includes  
2   information on an event sponsored by an event promoter.

1       31.   The transmitter of claim 30, wherein the event promoter pays a fee to have  
2   the transmitter system broadcast scheduled event records having information on events  
3   offered by the event promoter.

1       32.     The transmitter of claim 29, further comprising:  
2           means for transmitting a list of scheduled events;  
3           means for receiving, from the wireless device, user input indicating selection of at  
4     least one of the scheduled events on the list; and  
5           means for transmitting the scheduled event record for each selected scheduled  
6     event to the wireless device from which the user input was received.

1       33.     An article of manufacture including code implemented in a wireless  
2     device to provide information on a scheduled event in a personal information manager  
3     (PIM) application, wherein the code causes the wireless device to perform:  
4           receiving a code;  
5           transmitting the received code to a server including a calendar database for the  
6     user of the transmitting wireless device including scheduled event records;  
7           receiving from the server a scheduled event record including information on one  
8     scheduled event associated with the code; and  
9           rendering calendar information at the wireless device including information on  
10   the scheduled event included in the scheduled event record.

1       34.     The article of manufacture of claim 33, wherein the code is entered via a  
2     user input mechanism on the wireless device.

1       35.     The article of manufacture of claim 33, wherein the code is transmitted to  
2     the wireless device via a wireless transmission medium.

1       36.     The article of manufacture of claim 35, wherein the code is transmitted to  
2     the wireless device, transmitted from the wireless device to the server, and rendered at  
3     the wireless device automatically without any intervening user action.

1       37.   The article of manufacture of claim 33, wherein the scheduled event  
2 record comprises a shadowed scheduled event record, wherein information on the  
3 shadowed scheduled event is displayed with the calendar information at the wireless  
4 device as a non-committed event.

1       38.   The article of manufacture of claim 33, wherein the code is transmitted to  
2 the server in response to user input at the wireless device.

1       39.   The article of manufacture of claim 33, wherein receiving the code further  
2 comprises receiving a plurality of codes, wherein transmitting the code to the server  
3 comprises transmitting the plurality of codes, wherein receiving the scheduled event  
4 record from the server further comprises receiving one scheduled event record for each  
5 transmitted code, and wherein rendering calendar information at the wireless device  
6 including information on the scheduled event comprises rendering information on  
7 scheduled events for the received scheduled event records.

1       40.   An article of manufacture including code implemented in a server to  
2 provide scheduled events for users of wireless devices, wherein the wireless devices are  
3 capable of displaying calendar information on scheduled events, and wherein the code  
4 causes the server to perform:  
5           receiving a code transmitted from the wireless device;  
6           determining a scheduled event record corresponding to the received code; and  
7           transmitting the determined scheduled event record to the wireless device that  
8 transmitted the code, wherein the wireless device is capable of rendering calendar  
9 information including information on the scheduled event included in the transmitted  
10 scheduled event record.

1       41.     The article of manufacture of claim 40, further comprising:  
2              providing a data structure including a plurality of codes and associating with each  
3     code one scheduled event record, wherein determining the scheduled event record  
4     corresponding to the received code comprises searching the data structure for one code  
5     matching the received code transmitted from the wireless device and the associated  
6     scheduled event record.

1       42.     The article of manufacture of claim 40, wherein a plurality of codes are  
2     received from the wireless device and one determined scheduled event record for each  
3     code is transmitted to the wireless device transmitting the plurality of codes.

1       43.     The article of manufacture of claim 40, wherein scheduled event records  
2     and codes are provided for different event promoters.

1       44.     The article of manufacture of claim 43, further comprising:  
2              charging a fee to the event promoter to include one scheduled event record in the  
3     data structure in order to make scheduled event records for the promoter available to  
4     wireless devices in response to transmissions of the code associated with the scheduled  
5     event record.

1       45.     An article of manufacture including code implemented in a wireless  
2     device to provide information on a scheduled event to a personal information manager  
3     (PIM) application, wherein the code causes the wireless device to perform:  
4              receiving a scheduled event record including information on a scheduled event  
5     transmitted from a transmitter system including at least one scheduled event record when  
6     the wireless device is within a broadcast range of the transmitter system;  
7              rendering calendar information at the wireless device including information on  
8     the scheduled event included in the scheduled event record; and

9           transmitting the scheduled event record to a server including a calendar database  
10          for the user of the transmitting wireless device including scheduled event records,  
11          wherein the server stores the transmitted scheduled event record with the calendar  
12          database records for the user of the wireless device.

1           46.       The article of manufacture of claim 45, further comprising:  
2           receiving user input to accept the scheduled event record, wherein information on  
3          the scheduled event in the scheduled event record is rendered with calendar information  
4          and wherein the scheduled event record is transmitted to the server to include in the  
5          calendar database for the user of the wireless device after receiving the user input to  
6          accept the scheduled event record.

1           47.       The article of manufacture of claim 45, further comprising:  
2           receiving a list of scheduled events from the transmitter system;  
3           receiving user input selecting at least one of the scheduled events on the list; and  
4           transmitting information on the selected at least one scheduled event to the  
5          transmitter system, wherein receiving the scheduled event record further comprises  
6          receiving one scheduled event record for each selected scheduled event.

1           48.       The article of manufacture of claim 47, wherein rendering the calendar  
2          information at the wireless device further comprises rendering information on the  
3          scheduled event included in each received scheduled event record, and wherein  
4          transmitting the scheduled event to the server further comprises transmitting each  
5          scheduled event to the server.

1           49.       An article of manufacture including code implemented in a transmitter for  
2          transmitting information on scheduled events, wherein the code causes the transmitter to  
3          perform:

4           providing information on at least one scheduled event record, wherein each  
5   scheduled event record includes information on a scheduled event; and  
6           transmitting the at least one scheduled event record to wireless devices within a  
7   broadcast range of the location transmitter, wherein the wireless device adds the  
8   scheduled event record to calendar information for the wireless device user.

1           50.   The article of manufacture of claim 49, wherein each scheduled event  
2   record includes information on an event sponsored by an event promoter.

1           51.   The article of manufacture of claim 49, wherein the event promoter pays a  
2   fee to have the transmitter system broadcast scheduled event records having information  
3   on events offered by the event promoter.

1           52.   The article of manufacture of claim 49, further comprising:  
2           transmitting a list of scheduled events;  
3           receiving, from the wireless device, user input indicating selection of at least one  
4   of the scheduled events on the list; and  
5           transmitting the scheduled event record for each selected scheduled event to the  
6   wireless device from which the user input was received.